

PATENT ABSTRACTS OF JAPAN

(11) Publication number : 2001-180225
 (43) Date of publication of application : 03.07.2001

(51) Int. CI.

B60C 9/22
 B60C 9/00
 B60C 11/00
 D02G 3/48

(21) Application number : 11-363471

(71) Applicant : BRIDGESTONE CORP

(22) Date of filing : 21.12.1999

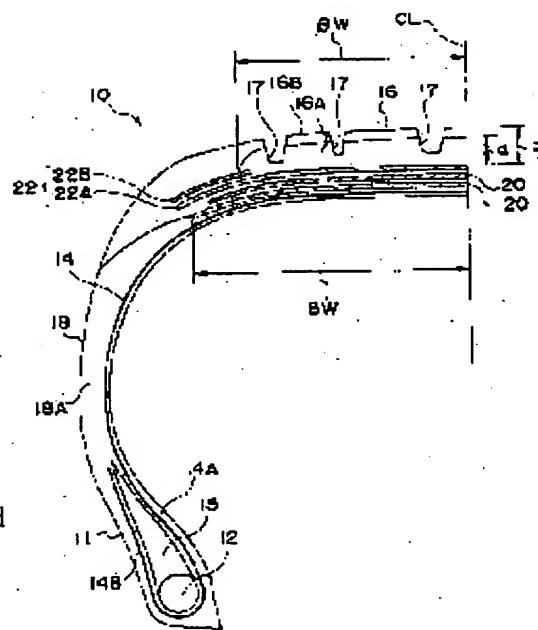
(72) Inventor : DOBASHI KENSUKE
 TAKAHASHI ICHIRO

(54) RADIAL TIRE

(57) Abstract:

PROBLEM TO BE SOLVED: To reduce the load noise while improving the load noise, the high- speed durability and the steering stability.

SOLUTION: A belt reinforcement layer 22 of a spiral structure including a PEN fiber cord is placed on the peripheral side of a belt layer 20 over a tread part. The Young's modulus E of the base rubber 16A of the tread part 16 is largely determined (100×105 through 150×105 Pa), and a half width βW of the base rubber 16A is determined to be 55-80% of a belt half width BW. The cap rubber 16B is extended from an end part of the base rubber 16A outwardly in the tire width direction to cover an end part of the belt layer 20; and the loss factor $\tan\delta$ is largely determined (0.3-0.5). The tread part 16 is totally hardly vibrated by using the base rubber 16 of the large Young's modulus, and further the neighborhood of both end parts of the belt layer 20 as the loop of the vibration is covered with the cap rubber 16B of the large loss factor, the vibration can be effectively absorbed.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted]

registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's
decision of rejection]

[Date of requesting appeal against
examiner's decision of rejection]

[Date of extinction of right]

Copyright (C) ; 1998, 2003 Japan Patent Office